Info-Hams Digest   Wed, 29 Jun 94   Volume 94 : Issue 718

Today's Topics:
                         AEA IsoLoop - Opinion
                        Anyone USE DTMF Paging ?
                              hf radiation
                               IC2 AT mod
                     Temp. Conversion Chart: F & C?
                    Whereis callsign server (3 msgs)

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

   One more time, for the record: If there *was* something wrong with
our Isoloop, it was wrong on the only other Isoloop we had known,
whose owner *THREW IT AWAY* after using it for 6-8 months.
   We had the Loop mounted horizontally, at between 20 and 25 feet.
It would be *VERY* hard for an apartment dweller to do much better
than this indoors, and that's one great Isoloop claim to fame - that
it's great indoors for apartment dwellers. We got ours from an
apartment dweller who was intending to throw *it* out as well and go
back to his home-made slinky antenna.
   We DID do side-by-side comparisons on several bands, within a minute
of each other. The dipole, cut for 4.5MHz at 10 feet, was

consistantly 4 or more S units better at the receiving station, and it
made the other end about 4 or 5 S units stronger on our end.
    We shut the testing down and got rid of the antenna when we
discovered that we were generating truly horrendous interference with
all the computers in the apartment (another claim is that it causes
almost no interference).
    We occasionally had to use an antenna tuner with it, as we could
NOT get under 2:1 on some bands, and the tuning was ***VERY*** touchy
(often being a single pulse wide for good SWR). In spite of the
manual saying one did not need and should not use a tuner, there *is*
a matching antenna tuner available for it. Think about this - why
would they do that if the antenna truly should not be used with a
tuner???
    Our results with the dummy load would lead me to suspect that I
could do even better making a small loop antenna by hooking the loop
up directly to the hot end of the resistor. The more wire we hung off
the dummy load, the better our signal report (and the better the
receive signal, too).
    Untill somebody else will do a side-by-side comparison, I will
stand beside the laws of physics that show smaller antenna size will
mean worse performance, and the concept that if you could fit a small
loop in the attic you could also fit a wire dipole in the same space,
with the advantage of a wire dipole being the total system cost is
drastically lower. In short, if an antenna sounds too good to be
true, it isn't true. There is no snake-oil cure for size.
--
While (its_not_working())   John Welch, N9JZW
  mess_with_it();   jjw@seastar.org

-----BEGIN PGP PUBLIC KEY BLOCK-----

Date: Tue, 28 Jun 94 16:42:25 PDT
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!swrinde!gatech!newsxfer.itd.umich.edu!
europa.eng.gtefsd.com!sundog.tiac.net!news3.sprintlink.net!news.sprintlink.net!
crash!hale!tommy@network.ucsd.edu
Subject: Anyone USE DTMF Paging ?
To: info-hams@ucsd.edu

uppal@cup.hp.com (Sanjay Uppal) writes:

>
> I thought initially that the DTMF Paging feature was a useful one.
>
IMHO, and you can precede everything I say with that, the paging function
is only useful if you know you're in a situation that warrants it, such
as volunteer event communications or sometime when you're expecting a

call on a crowded frequency. I don't use it because it's too restrictive
for me. I enjoy listening in and responding occasionally to all
conversations. If a paging function allowed the use of subtones to cause
an alert beep, or a data burst in the case of some radios, then normal
comms could be used in the interim. Besides, I do listen for my call
sign when the radio is on.

> 1. The alternate to getting paged is either sitting glued to your
>   handie, or setting up some time aforehand for a QSO. If you

All of my HTs came with a wall charger that can provide enough power to
keep the battery topped off during a long listening session. I also
bought a quick charger for each, and extra batteries, but that was for my
ARES service, not just to have a spare. One need not stay glued to the
radio, though you should be nearby when the page does come in. If I have
page enabled, I can't hear what's going on so I don't know if I'm
stepping on another QSO in progress. Again, these are only my views and
should be taken with lots of salt.
>
> 2. The two repeaters I have tried do not pass DTMF codes. So while

You'll find that any repeater that is intelligent or has an autopatch
will not pass tones. This is to protect the somewhat secret combination
needed for those repeaters. Here in San Diego, I think there are only
three or four 144MHz repeaters that are "dumb" and can pass tones, and I
can only get into one or two at a time in any one location with an HT. I
don't think there are any 220 or 440MHZ machines that pass tones, in San
Diego anyway.
>
> So how do you folks use DTMF page ? Do you find it useful ?

As you can tell, I don't use paging. We (ARES) tried it at one community
event, but because our comms are intended to be two-way, meaning a remote
station may need to call NCS, paging can't work effectively.

I guess that, in certain situations, paging could be useful, but because
paging is slightly different for each radio (none of mine can page
another), all parties involved need to have the same radio, at least the
same brand.

Good luck with your experiments. I will not condemn nor condone paging,
but I will refrain from using it.

If, by "Bay Area" you mean San Francisco Bay Area, I frequently visit
friends and relatives in the Livermore Valley and use the Mt. Daiblo
147.21 machine. Hope to hear you next time I'm up.

73

Tom
KD6OZK

Hale Telecommunications Inc./Public Access Internet Site 619/280-7775 V.32Bis

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Date: 29 Jun 1994 03:32:57 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!europa.eng.gtefsd.com!
sundog.tiac.net!news3.sprintlink.net!news.sprintlink.net!news.clark.net!
josephl@network.ucsd.edu
Subject: hf radiation
To: info-hams@ucsd.edu

John Mollan - Harm (jmollan@egreen.iclnet.org) wrote:

: When it comes to UHF signals in the microwave areas, care must be taken,
: but these are not the frequencies (about 1000 Mhz) used by ham operators.

Could you talk about this a little bit more? What if your house is located
near teleco microwave towers? Could it be harmful?

jal

Date: 27 Jun 94 12:10:26 GMT
From: news.columbia.edu!spcuna!cherry.atlanta.com!emory!gatech!
howland.reston.ans.net!news.moneng.mei.com!uwm.edu!caen!malgudi.oar.net!chemabs!
vjh21@RUTGERS.EDU
Subject: IC2 AT mod
To: info-hams@ucsd.edu

I'm posting for a friend, please respond directly to
rrw21@cas.org

Can anyone on the net help me with a mod to an Icom IC-2AT?

I need to bring out a signal when squelch is broken.

For my application, that signal can either be a ground,

or a battery voltage level signal.

Does anybody know where in the circuit I can obtain that signal?

Richard R. Wetherald KE8OD
Internet: rrw21@cas.org

--
  Vince Herried (KA8CTE); From Bitnet: vjh21@cas.org or vjh21%cas.org@ohstmvsa
  Chemical Abstracts Service   (614) 447-3600 x 2877
  P.O. Box 3012, Columbus, OH 43210-0012

Date: Sat, 25 Jun 1994 14:04:33 GMT
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!ncar!csn!carbon!mercury.cair.du.edu!
awinterb@network.ucsd.edu
Subject: Temp. Conversion Chart: F & C?
To: info-hams@ucsd.edu

Does anyone know of a source for a quick temperature conversion chart
between F and C? I can't recall the formula (or where to find it), and
would just like a way to rapidly convert between the two scales when
in QSO.

73 de Art, N0OQS
--
Art Winterbauer N0OQS
Internet: awinterb@du.edu OR awinterb@diana.cair.du.edu
Packet: n0oqs @ w0ljf.#neco.co.usa

Date: Wed, 29 Jun 1994 03:28:12 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!news.ucdavis.edu!csus.edu!netcom.com!
lfloyd@network.ucsd.edu
Subject: Whereis callsign server
To: info-hams@ucsd.edu

James,
Try to telnet "callsign.cs.buffalo.edu 2000". You can search by call or
name or city or state or zip. For example:

city Dallas

would show all hams in Dallas. Type "quit" to disconnect.

Good luck!

Larry - WB5HHM

Date: Wed, 29 Jun 1994 06:12:05 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!spool.mu.edu!torn!nott!cunews!
freenet.carleton.ca!FreeNet.Carleton.CA!as041@network.ucsd.edu
Subject: Whereis callsign server
To: info-hams@ucsd.edu

In a previous article, revco@YALE.EDU (Jim Revkin) says:

>I don't seem to be able to login to a previously existing
>amateur call-sign server:
>
>telnet ns.risc.net
>
>Anyone know of another one out there? Specifically I
>need info on K0SN and N9JCL

Jim..I tried to E-mail this to you but the mailer returned it to me as
undeliverable.

The address I have for the Buffalo callsign server is
electra.cs.buffalo.edu. but I access it directly here from the Ottawa Freenet.

In case you cannot connect, here is the dope on the calls cited:

K0SN: Thomas Hellem, W 6321 Two Mile Rd., Porterfield WI 54159
N9SCL: Edward Williams, 409 E. Lake Dr., Edwardsville IL 62025

Hope this helps...

73, Rob
--
Robin Ludlow, VE3YE
Orleans, Ontario, Canada
as041@freenet.carleton.ca

Date: 29 Jun 1994 03:17:11 -0400
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!usc!nic-
nac.CSU.net!charnel.ecst.csuchico.edu!yeshua.marcam.com!zip.eecs.umich.edu!
newsxfer.itd.umich.edu!montego!not-for-mail@@
Subject: Whereis callsign server

To: info-hams@ucsd.edu

as041@FreeNet.Carleton.CA (Robin Ludlow) did contribute said ASCII:
>Jim..I tried to E-mail this to you but the mailer returned it to me as
>undeliverable.
>
>The address I have for the Buffalo callsign server is
>electra.cs.buffalo.edu. but I access it directly here from the Ottawa Freenet.
>

Yes, that's correct (callsign.cs.buffalo.edu is what I use)
and it's TERRIBLY out-of-date.

Callsigns issued 8 months ago have not been updated.

--
....
Matt Rupert - 2984 Pheasant Run Dr. Apt D - Jackson MI 49202 - hoagy@ais.org
        Personal Security / UNIX Enthusiast / Amatuer Radio - KB8SGL
          "Earn cash in your spare time - blackmail your friends."

End of Info-Hams Digest V94 #718
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